

# Interference

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	723	((607/36) or (607/37)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:39
L2	5939	(128/897-899).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:39
L3	640	((623/10) or (600/25)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:39
L4	640	((607/56-58) or (607/137)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:40
L5	11	(1 or 2 or 3 or 4) and overmold.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:41
L6	2	(1 or 2 or 3 or 4) and overmold.clm. and motion.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:52
L7	9	(1 or 2 or 3 or 4) and (coupling.clm. or motion.clm.) and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L9	2	(1 or 2 or 3 or 4) and (coupling.clm. or motion.clm.) and reduct\$4.clm. and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L10	2	(1 or 2 or 3 or 4) and reduct\$4.clm. and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:43

## EAST Search History

L11	466	(607/48).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:43
L12	530	((607/46) or (607/47)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:43
L13	0	(11 or 12) and reduct\$4.clm. and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L14	0	(11 or 12) and (coupling.clm. or motion.clm.) and reduct\$4.clm. and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L15	3	(11 or 12) and (coupling.clm. or motion.clm.) and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L22	0	(11 or 12) and overmold.clm. and motion.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:52
L23	0	(11 or 12) and overmold.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:52
L24	8	(11 or 12) and overmold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:53

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	723	((607/36) or (607/37)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:39
L2	5939	(128/897-899).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:39
L3	640	((623/10) or (600/25)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:39
L4	640	((607/56-58) or (607/137)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:40
L5	11	(1 or 2 or 3 or 4) and overmold.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:41
L6	2	(1 or 2 or 3 or 4) and overmold.clm. and motion.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:52
L7	9	(1 or 2 or 3 or 4) and (coupling.clm. or motion.clm.) and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L9	2	(1 or 2 or 3 or 4) and (coupling.clm. or motion.clm.) and reduct\$4.clm. and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L10	2	(1 or 2 or 3 or 4) and reduct\$4.clm. and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:43

## EAST Search History

L11	466	(607/48).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:43
L12	530	((607/46) or (607/47)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:43
L13	0	(11 or 12) and reduct\$4.clm. and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L14	0	(11 or 12) and (coupling.clm. or motion.clm.) and reduct\$4.clm. and (degree.clm. or axis.clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L15	3	(11 or 12) and (coupling.clm. or motion.clm.) and (degree.clm. or axis. clm.) and module.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:44
L16	33	("4699143"   "4759368"   "4832032"   "4989605"   "5041974"   "5183041"   "5304207"   "5350414"   "5354320"   "5374283"   "5387231"   "5395398"   "5397338"   "5476481"   "5487759"   "5514165"   "5549656"   "5573552"   "5578060"   "5584863"   "5593427"   "5601612"   "5607454"   "5620470"   "5674261"   "6029090").PN. OR ("6445955").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 15:45

## EAST Search History

L17	47	("20010003799"   "20010051819"   "20010056290"   "20020002390"   "20020099412"   "20020138116"   "20020161403"   "20020198572"   "20030004428"   "20030097161"   "20030114905"   "20030208248"   "20040002635"   "20040054297"   "20040172089"   "20040215288"   "4254776"   "4509521"   "4627438"   "4856526"   "5193539"   "5215086"   "5540734"   "5562718"   "5578060"   "5653739"   "5961542"   "6016449"   "6041259"   "6052624"   "6061593"   "6128538"   "6134474"   "6301500"   "6356788"   "6360122"   "6366814"   "6381496"   "6445955"   "6473653"   "6505075"   "6526318"   "6622048"   "6647296"   "6662051"   "6735475"   "6944503").PN. OR ("7231256"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 15:45
L18	34	("20020019652"   "20020077572"   "20030014088"   "20030028170"   "20030032859"   "20030065368"   "20030074030"   "20030078633"   "20030120259"   "20030195599"   "3939841"   "3943932"   "4398545"   "4512351"   "5397338"   "5449378"   "5607461"   "5857968"   "5861015"   "5861016"   "5948006"   "5957951"   "6016451"   "6026328"   "6200265"   "6275737"   "6338347"   "6445955"   "6607500"   "6622037"   "6845271"   "6904324"   "7031768").PN. OR ("7120499").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 15:46
L19	34	("20020019652"   "20020077572"   "20030014088"   "20030028170"   "20030032859"   "20030065368"   "20030074030"   "20030078633"   "20030120259"   "20030195599"   "3939841"   "3943932"   "4398545"   "4512351"   "5397338"   "5449378"   "5607461"   "5857968"   "5861015"   "5861016"   "5948006"   "5957951"   "6016451"   "6026328"   "6200265"   "6275737"   "6338347"   "6445955"   "6607500"   "6622037"   "6845271"   "6904324"   "7031768").PN. OR ("7120499").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 15:48
L20	27	schulman.in. and cochlear	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 15:48

## EAST Search History

L21	73	("3751605"   "4063048"   "4357497"   "4400590"   "4524774"   "4611598"   "4721551"   "4819647"   "4991582"   "5193539"   "5193540"   "5344386"   "Re31031").PN. OR ("5571148").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 15:49
L22	0	(11 or 12) and overmold.clm. and motion.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:52
L23	0	(11 or 12) and overmold.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:52
L24	8	(11 or 12) and overmold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 15:53
L25	2	("7231256").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/22 15:53
L26	47	("20010003799"   "20010051819"   "20010056290"   "20020002390"   "20020099412"   "20020138116"   "20020161403"   "20020198572"   "20030004428"   "20030097161"   "20030114905"   "20030208248"   "20040002635"   "20040054297"   "20040172089"   "20040215288"   "4254776"   "4509521"   "4627438"   "4856526"   "5193539"   "5215086"   "5540734"   "5562718"   "5578060"   "5653739"   "5961542"   "6016449"   "6041259"   "6052624"   "6061593"   "6128538"   "6134474"   "6301500"   "6356788"   "6360122"   "6366814"   "6381496"   "6445955"   "6473653"   "6505075"   "6526318"   "6622048"   "6647296"   "6662051"   "6735475"   "6944503").PN. OR ("7231256").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/22 15:54

## EAST Search History

S1	213	("20010051819" "20020002390" "20020013612" "20020019669" "20020051550" "20020099412" "20020103510" "20030004546" "20030073972" "20030085684" "20030109903" "20030130706" "20030171787" "20040082977" "3690325" "3724467" "3913587" "4010760" "4013081" "4040412" "4256115" "4266552" "4328813" "4399819" "4399820" "4616655" "4911178" "4928696" "4969899" "5085644" "5197332" "5271397" "5314451" "5314453" "5455999" "5477855" "5489225" "5554194" "5562715" "5571148" "5638832" "5645586" "5674260" "5678559" "5702430" "5741313" "5755743" "5769874" "5776169" "5800535" "5814095" "5843150" "5895414" "5896647" "5919215" "5935154" "5941905" "5941906" "5954757" "5984859" "5991664" "6006124" "6016449" "6016593" "6061593" "6067474" "6091979" "6128538" "6131581" "6134474" "6168580" "6176879" "6214032" "6230049" "6248080" "6259951" "6266556" "6269266" "6272382" "6308101" "6324428" "6330468" "6354299" "6358281" "6360122" "6427086" "6480743" "6490486" "6537200" "6554762" "6560486" "6565503" "6567703" "6575894" "6597954" "6618623" "6648914" "6671544" "6788974" "6805998" "7103415" "H001465").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 18:03
S2	2	"731881".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:09
S3	489	overmold.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:15
S4	21	overmold.clm. and medical.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:10
S5	25	Janzig.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:11

## EAST Search History

S6	144	Wahlstrand.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:13
S7	38	Skime-Robert-M.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:14
S8	43	Lent-Mark-S.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:14
S9	14	("607"/\$.ccls.) and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/18 13:11
S10	69	("607"/\$.ccls.) and (reduc\$4 adj motion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:16
S11	136	("607"/\$.ccls.) and (reduc\$4 adj2 motion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:18
S12	12	("607"/\$.ccls.) and "motion reduction"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 17:18
S13	8	((("6358281") or ("5645586") or ("6308101") or ("6269266"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/06 18:02
S14	2	("4972846").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/06 18:15
S15	377	(607/36).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/07 12:31



## EAST Search History

S16	4052	(128/898).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/07 12:31
S17	662	(128/899).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/07 12:31
S18	0	S15 and (ball with socket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:36
S19	75	S16 and (ball with socket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:32
S20	10	S17 and (ball with socket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:34
S21	163	("607"/\$.ccls.) and (ball with socket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:50
S22	51	S21 and implant\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:42
S23	98	("607"/\$.ccls.) and (rod with slot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:42
S24	41	S23 and implant\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:42
S25	63	(S16 or S17) and (rod with slot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:49

## EAST Search History

S26	31	(S16 or S17) and (rod with slot) and implant\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:49
S27	397	("607"/\$.ccls.) and (hinge or gear\$3) and implant\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:50
S28	198	(S15 or S16 or S17) and (hinge or gear\$3) and implant\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:52
S29	268	("607"/\$.ccls.) and hinge and implant\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:50
S30	10	("20040172090" "20040249417" "20040249431" "20050043765" "5613935").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:52
S31	37	("20020042630" "20020090389" "20020107545" "20020107548" "20020107559" "20020133224" "20030032892" "20030036778" "20030045904" "20030158584" "3906960" "5843132" "6161029" "6419692" "6442413" "6733485" "6735474" "6885895").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:56

## EAST Search History

S32	302	("20020026228" "20020042630" "20020042634" "20020052636" "20020072773" "20020090389" "20020103510" "20020107545" "20020107546" "20020107547" "20020107548" "20020107549" "20020107559" "20020120299" "20020133224" "20020183791" "20020188252" "20030023177" "20030032892" "20030036778" "20030045904" "20030088278" "20030097051" "20030158584" "20050080472" "3211154" "3236239" "3285013" "3389704" "3865101" "3906960" "3959706" "4025860" "4030509" "4041956" "4096856" "4096866" "4168711" "4323075" "4332259" "4414986" "4530550" "4635639" "4637397" "4662377" "4708145" "4722353" "4727877" "4736150" "4825871" "4827936" "4850357" "4892102" "4931947" "4953551" "4969463" "4991603" "4996984" "4998531" "4998975" "5010894" "5014696" "5044375" "5099838" "5105810" "5107834" "5129392" "5131388" "5133353" "5144946" "5163427" "5170784" "5170802" "5174288" "5199429" "5221261" "5231996" "5235977" "5235978" "5235979" "5241960" "5261400" "5292338" "5306291" "5314430" "5324309" "5334221" "5342399" "5356425" "5383907" "5407444" "5411546" "5423865" "5431686" "5468254" "5483165" "5509411" "5534015" "5545205" "5591211" "5591213" "5593427" "5601612" "5607454" "5617853" "5620470" "5699796" "5735879" "5743132" "5749904" "5749905" "5776166" "5800460" "5803927" "5814089" "5827326" "5836978" "5843132" "5868792" "5879374" "5891046" "5891049" "5904707" "5951485" "5957842" "5957956" "6016059" "6047212" "6088610" "6119039" "6141576" "6141588" "6161029" "6219581" "6230061" "6256534" "6419692" "6436068" "6442413" "6516231" "6561975" "6584362" "6671547" "6733485" "6735474" "6754528" "6760622" "6776784" "6778860" "6788974" "6834204" "6866044" "6885895" "6907285").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:54
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## EAST Search History

S33	298	("20020026228" "20020042630" "20020042634" "20020052636" "20020072773" "20020080472" "20020090389" "20020107545" "20020107546" "20020107547" "20020107548" "20020107549" "20020107559" "20020120299" "20020133224" "20020183791" "20020188252" "20030023177" "20030032892" "20030036778" "20030045904" "20030088278" "20030097051" "20030103510" "20030158584" "3211154" "3236239" "3285013" "3389704" "3865101" "3906960" "3959706" "4025860" "4030509" "4041956" "4096866" "4168711" "4323075" "4332259" "4414986" "4530550" "4635639" "4637397" "4662377" "4708145" "4722353" "4727877" "4736150" "4825871" "4827936" "4850357" "4892102" "4931947" "4953551" "4969463" "4991603" "4996984" "4998531" "4998975" "5010894" "5014696" "5044375" "5099838" "5105810" "5107834" "5129392" "5131388" "5133353" "5141588" "5144946" "5163427" "5170784" "5170802" "5174288" "5199429" "5221261" "5231996" "5235977" "5235978" "5235979" "5241960" "5261400" "5292338" "5306291" "5314430" "5324309" "5334221" "5342399" "5356425" "5383907" "5407444" "5411546" "5423865" "5431686" "5483165" "5509411" "5534015" "5545205" "5591211" "5591213" "5593427" "5601612" "5607454" "5617853" "5620470" "5699796" "5735879" "5749904" "5749905" "5776166" "5800460" "5803927" "5814089" "5827326" "5836978" "5843132" "5868792" "5879374" "5891046" "5891049" "5904707" "5951485" "5957842" "5957956" "0568254" "6016059" "6047212" "6088610" "6119039" "6141576" "6161029" "6219581" "6230061" "6256534" "6419692" "6436068" "6442413" "6516231" "6561975" "6584362" "6671547" "6733485" "6735474" "6754528" "6760622" "6776784" "6778860" "6788974" "6834204" "6866044" "6885895" "6907285"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 12:54
S34	310	(S32 or S33)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 13:02

## EAST Search History

S35	2	("20020103510").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/07 13:02
S36	93	("20010027330"   "20020042630"   "3653387"   "3710374"   "3911925"   "4157720"   "4191942"   "4223678"   "4248237"   "4291707"   "4314095"   "4402322"   "4407288"   "4424818"   "4450527"   "4567900"   "4602637"   "4603705"   "4693253"   "4765341"   "4800883"   "4830005"   "4944300"   "5105810"   "5109842"   "5129392"   "5133353"   "5144946"   "5184616"   "5191901"   "5203348"   "5230337"   "5255692"   "5261400"   "5292338"   "5300106"   "5331966"   "5342407"   "5366496"   "5376103"   "5376104"   "5385574"   "5391200"   "5405363"   "5411539"   "5411547"   "5413591"   "5423326"   "5447521"   "5470345"   "5476503"   "5509923"   "5509928"   "5531765"   "5531766"   "5534019"   "5534022"   "5597956"   "5601607"   "5603732"   "5618287"   "5620477"   "5643328"   "5645586"   "5658317"   "5658321"   "5674260"   "5690648"   "5690683"   "5697953"   "5713926"   "5766226"   "5776169"   "5814090"   "5836976"   "5895414"   "5919211"   "5919222"   "5925069"   "5935154"   "5941904"   "6014586"   "6026325"   "6058328"   "6093173"   "6095987"   "6128531"   "6144866"   "6176879"   "6185450"   "6411844"   "6647292"   "H001905").PN. OR ("7120495"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/07 13:02
S37	50	("0733478"   "4693719"   "4919259"   "5069332"   "5172347"   "5224928"   "5241960"   "5312442"   "5328453"   "5374285"   "5383840"   "5385575"   "5387189").PN. OR ("5645586"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/07 13:06
S38	2	("20020156506").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/07 13:07

## EAST Search History

S39	2	"730873".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 15:34
S40	0	("2004/0176814").URPN.	USPAT	OR	ON	2007/05/17 15:34
S41	293	("20010033953" "20010051819" "20020002390" "20020013612" "20020019669" "20020051550" "20020068958" "20020072770" "20020077670" "20020099412" "20020103510" "20020161403" "20020165588" "20020169485" "20020177882" "20030004428" "20030004546" "20030040781" "20030073972" "20030085684" "20030088294" "20030109903" "20030130706" "20030171787" "20040082977" "20040173221" "20040176750" "20040176819" "20050004620" "20050004637" "3310051" "3522811" "3690325" "3724467" "3913587" "4010760" "4013081" "4040412" "4094321" "4256115" "4266552" "4328813" "4399819" "4399820" "4499907" "4616655" "4911178" "4928696" "4969899" "4972846" "5085644" "5197332" "5220929" "5271397" "5314451" "5314453" "5411538" "5455999" "5477855" "5489225" "5554194" "5562715" "5571148" "5573551" "5613935" "5638832" "5645586" "5674260" "5678559" "5702430" "5741313" "5755743" "5769874" "5776169" "5792067" "5800535" "5814095" "5836935" "5843150" "5895414" "5896647" "5919215" "5935154" "5941905" "5941906" "5954757" "5984859" "5991664" "6006124" "6016449" "6061593" "6067474" "6091979" "6128538" "6131581" "6134474" "6154677" "6168580" "6176879" "6214032" "6230049" "6248080" "6248126" "6259951" "6266556" "6269266" "6308101" "6324428" "6324433" "6330468" "6354299" "6356792" "6358281" "6360122" "6366813" "6415184" "6427086" "6445956" "6480743" "6490486" "6505077" "6516227" "6516808" "6537200" "6554762" "6560486" "6567703" "6575894" "6597954" "6618623" "6626680" "6648914" "6671544" "6726678" "6736770" "6788974" "6805998" "6977124" "0656503" "7103415" "H001465" "RE36120").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 16:07

## EAST Search History

S42	4	((("4499907") or ("20020068958")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:06
S43	23	("3598128"   "3683933"   "3913587"   "3926198").PN. OR ("4013081"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 16:15
S44	122	("20010033953"   "20010051819"   "20020002390"   "20020013612"   "20020019669"   "20020051550"   "20020068958"   "20020099412"   "20020103510"   "20020161403"   "20020165588"   "20020169485"   "20030004428"   "20030004546"   "20030040781"   "20030073972"   "20030085684"   "20030088294"   "20030109903"   "20030130706"   "20030171787"   "20040082977"   "3522811"   "3690325"   "3724467"   "3913587"   "4010760"   "4013081"   "4040412"   "4256115"   "4266552"   "4328813"   "4399819"   "4399820"   "4499907"   "4616655"   "4911178"   "4928696"   "4969899"   "4972846"   "5085644"   "5197332"   "5271397"   "5314451"   "5314453"   "5411537"   "5455999"   "5477855"   "5489225"   "5554194"   "5562715"   "5571148"   "5613935"   "5638832"   "5645586"   "5678559"   "5702430"   "5741313"   "5755743"   "5769874"   "5776169"   "5800535"   "5814095"   "5843150"   "5895414"   "5896647"   "5919215"   "5935154"   "5941905"   "5941906"   "5954751"   "5954757"   "5984859"   "5991664"   "6006124"   "6016449"   "6016593"   "6061593"   "6067474"   "6091979"   "6128538"   "6131581"   "6134474"   "6168580"   "6176879"   "6214032"   "6230049"   "6248080"   "6259951"   "6266556"   "6269266"   "6272382"   "6308101"   "6324428"   "6330468"   "6354299"   "6356792"   "6358281"   "6360122"   "6427086"   "6445956"   "6480743"   "6490486"   "6516227"   "6537200"   "6554762"   "6560486"   "6565503"   "6567703"   "6575894"   "6597954"   "6618623"   "6626680"   "6648914"   "6671544"   "6726678"   "6788974").PN. OR ("6805998"   "6977124"   "7103415"   "H001465").PN. OR ("7212864"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 16:15

## EAST Search History

S45	16	("3735766"   "3911241"   "3967995"   "4013081"   "4057068"   "4127134"   "4911173"   "5000804"   "5061276"   "5128146").PN. OR ("5220929").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 16:16
S46	12	("4127110"   "4186749"   "4471786"   "5159927"   "5220929"   "5480416"   "5549620"   "5928272"   "6016449"   "6113553"   "6134474"   "6185455").PN. OR ("7177678").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 16:17
S47	400	(607/36).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:26
S48	8	("3943937"   "4041956"   "4243042"   "4314562"   "5431695"   "5456698").PN. OR ("5873899").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 16:34
S49	49	("3557775"   "3712962"   "3764748"   "3926198"   "3942535"   "4269905"   "4352960"   "4441210"   "4616655"   "4846191"   "4988333"   "5015224"   "5015225"   "5070535"   "5095904"   "5271397"   "5277694"   "5279292"   "5403262"   "5411467"   "5545219"   "5578084"   "5597380"   "5601617"   "5603726"   "5624376"   "5626629"   "5637418"   "5697975"   "5788656"   "5795287"   "5800475"   "5814095"   "5957958"   "6038484"   "6067474"   "6143440"   "6146778"   "6154677"   "6192272"   "6227204"   "6238813"   "6251062"   "6269266"   "6358281"   "6381336"   "6445948"   "6450172").PN. OR ("6736770").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 16:37
S50	12	("4006748"   "4539440"   "4991578"   "5439482"   "5456698"   "5466254"   "5645586"   "5662691"   "5683434"   "5825896"   "6012580"   "6558621").PN. OR ("7020525").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 16:41
S51	17	("3752939"   "4357497"   "4495917"   "4516820"   "4532930"   "4592359"   "4679560"   "4764132"   "4947844"   "5603726"   "5776172"   "5888187"   "6067474"   "6216040"   "6272382"   "6308103"   "6473651").PN. OR ("7054691").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/17 16:49



## EAST Search History

S52	330	(607/37).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:54
S53	2	("6358281").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:56
S54	2	("7212864").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/17 16:57
S58	18	("20020068958" "4256115" "5613935"  "5954757" "6131581" "6266556" "68 05998" "7103415").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 17:01
S59	6	("3720874" "4934368").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/17 17:02
S60	2	("4,934,368").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/17 17:02
S61	172	("607"/\$.ccls.) and (ball with socket)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/18 13:34
S62	987	("607"/\$.ccls.) and hinge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/18 13:14
S63	400	(607/36).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 13:14
S64	330	(607/37).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 13:14

## EAST Search History

S65	96	(S63 or S64) and motion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/18 13:14
S67	31	("607"/\$.ccls.) and ball.clm. and socket.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/18 13:36
S68	187	("607"/\$.ccls.) and hinge.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/18 13:36
S69	1	("607"/\$.ccls.) and hinge.clm. and overmold.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/18 13:42
S70	6	((("20020103510") or ("5613935") or ("4972846"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/18 13:42
S71	18	("20020087201" "20040176815" "3720874" "4934368" "5220929" "5480416" "5954751" "6445956").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 12:37
S72	3	"731881".apn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 14:34
S73	1	S72 and (motion with couple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 14:35
S74	1	S72 and (motion with (second or third))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 14:35
S75	1	S72 and ((second or third) adj component)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 14:36

## EAST Search History

S76	1	S72 and ((second or third) with (overmold or component))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 14:37
S77	1	S72 and (motion with elastomeric)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/22 14:37